A1

1. (Amended) A method for reproducing from a storage medium one of a plurality of video programs at a plurality of reproducing speeds wherein selection of ones of said plurality of speeds are linked at predetermined jump points, comprising the steps of:

a) selecting [(step 200)] one of said plurality of video programs for reproduction;

b) selecting [(step 225)] a reproduction speed for said one of said plurality of video programs[(P1, P2, Pn)];

c) selecting [(step 225)] a digitally encoded signal from a set of signals corresponding to said one of said plurality of video programs[(P1, P2, Pn)], responsive to said reproducing speed;

d) reproducing [(step 275)] said digitally encoded signal from said set of signals;

e) jumping [(step 600)]to different ones of said encoded signals for said reproducing in accordance with said predetermined jump points, in response to subsequent selections of different reproduction speeds; and,

f) decoding [(step 510)] said reproduced signals for display [(step 1000)] of said selected program [(P1, P2, Pn)] at said selected reproduction speeds; and,

wherein said step c)further comprises selecting said digitally encoded signal from said set of digitally encoded signals corresponding to different speeds of reproduction with differing resolution values.

2. (Amended) The method of claim 1, comprising the step of arranging said jump points in a nested pattern[(120)].

3. (Amended) The method of claim 1, <u>wherein said</u> [comprising the] step <u>c)</u> [of generating] <u>further comprises selecting</u> one signal [(NP)]of said digitally encoded set [(NP1, TP1, -TP1, TP2, -TP2)]of signals for reproduction at a normal play speed.

4. (Amended) The method of claim 3, wherein said [comprising the] step c) [of generating] further comprises selecting other ones [(NP1, TP1, -TP1, TP2, -TP2)]of said set for reproduction at speeds other than said normal play speed.

Cont. A1

5. (Amended) The method of claim 4, wherein said [comprising the] step c) [of generating said] further comprises selecting other ones [(9TP1, -TP1, TP2, -TP2)]of said set for reproduction with a bit rate less than a bit rate of said one signal selected for reproduction at said normal play speed.

6. (Amended) The method of claim 1, comprising the step of assembling said jump points as look up tables[(120)].

7. (Amended) The method of claim [7]6, comprising the step of arranging said look up tables in groups [(NPG, TP1G, -TP1G, TP2G, -TP2G)]where each one of said groups of said look up tables is specific to a reproduction speed.

1 ~~8~~. (Amended) An apparatus for reproducing video programs, comprising:

means [(100, 101, 999+N))] for storing a plurality of video program records [(P1, P2, Pn)], wherein each program record having a set of digitally encoded signal records representative of said each program [(TP1, -TP1, TP2, -TP2)];

means for linking [(120) each of] said encoded signal records [(NP1, TP1, -TP1, TP2, -TP2) in] of each [of] said [sets] set to one another at predetermined jump points for selecting reproduction from different ones of said set [between said digitally encoded signal records (NP1, TP1, -TP1, TP2, -TP2)]; and,

wherein each said set of digitally encoded signal records [(NP1, TP1, -TP1, TP2, -TP2) having] has records of differing sizes for reproduction at a plurality of speeds.

2 1

~~9~~. (Amended) The apparatus of claim [9]~~8~~, wherein said predetermined jump points are grouped specific to transitions between similar temporal program events for reproduction at differing [reproduction] speeds.

Cncl. A1

3 ~~10.~~ (Amended) The apparatus of claim [9]~~8~~ 1, wherein said predetermined jump points represent addresses of digital images within each said set which substantially correspond with one another [in said encoded signals in each of said sets].

Cancel claim 11 without prejudice.

A2

4 ~~12.~~ (Amended) [The] An apparatus [of claim 11] for reproducing video programs, comprising:

means for storing a plurality of video program records, each program record having a set of digitally encoded signal records;

means for linking each of said encoded signal records in each of said sets to one another at predetermined jump points for selecting between said digitally encoded signal records, wherein said linking means comprises N sets of tables, each set [comprises] having (N - 1) tables of said predetermined jump points for each of N reproduction speeds; and,

each said set of digitally encoded signal records having records of differing sizes for reproduction at a plurality of speeds.

1B 5 ~~13.~~ (Amended) The apparatus of claim [9]~~8~~ 12, wherein a record for reproduction at a normal play [(NP)]speed represents a largest byte record.

1B 6 ~~14.~~ (Amended) The apparatus of claim[9]~~8~~ 12, wherein records [(TP1, -TP1, TP2, -TP2)] for reproduction at speeds other than a normal play speed represent records smaller than said normal play speed record [(NP)] and have sizes which decrease in proportion to reproduction speed increase.

Cancel claim ~~15~~ without prejudice.